

Converting Colors

$Yxy(30.9388, 0.4155, 0.4047)$

Have a look what the booklet for
Yxy(30.9388, 0.4155, 0.4047)
contains.

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Color

Yxy(30.9821, 0.4154, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	B99059
RGB	185, 144, 89
RGB Percent	73%, 56%, 35%
CMY	0.2745, 0.4353, 0.6511
CMYK	0.00, 0.22, 0.52, 0.27
HSL	34°, 41%, 54%
HSV	34°, 52%, 73%
XYZ	31.7855, 30.9821, 13.7503
YIQ	149.9890, 42.0910, -8.4130

Conversions

Conversions Part 2

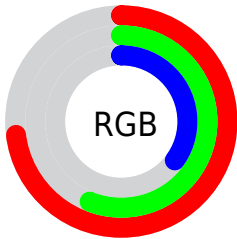
Format	Color
RYB	161, 185, 89
Decimal	12161113
CIELab	62.49, 8.73, 34.99
CIELCh	62, 36.062, 75.996
Yxy	30.9821, 0.4154, 0.4049
Android (android.graphics.Color)	4290351193 (0xFFB99059)
YUV	149.9890, -30.0676, 30.7046
Hunter-Lab	55.6616, 4.5247, 24.3165

Details

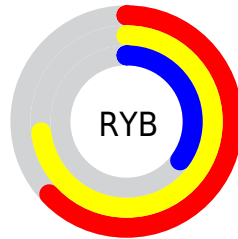
The Yxy color **30.9821, 0.4154, 0.4049** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.5879, 0.2281, 0.2361**, and the grayscale version is **30.6112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3363, 0.3952, 0.3916**, and **12.8326, 0.4462, 0.4256** is the 20% darker color. If you saturate the color by 10%, you get **28.4007, 0.4396, 0.4169**, and if you desaturate by 10%, it is **33.8121, 0.3920, 0.3909**.

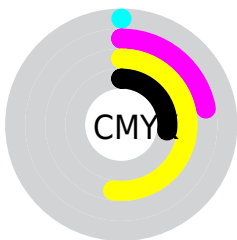
Distribution



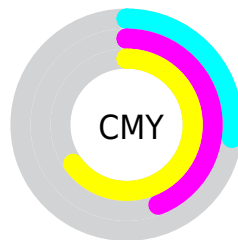
- Red (73%)
- Green (56%)
- Blue (35%)



- Red (63%)
- Yellow (73%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (27%)





- Cyan (27%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9821, 0.4154, 0.4049 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 30.9821, 0.4154, 0.4049 by changing the saturation by 10% instead.

 30.9821, 0.4154,
0.4049


 30.9821, 0.4154,
0.4049


306.4558, 0.3614,
0.3668

 20.5852, 0.4292,
0.4138


 61.2119, 0.3954,
0.3914


 12.8212, 0.4468,
0.4245


 81.8136, 0.3880,
0.3862


 7.3055, 0.4695,
0.4369


 106.5857, 0.3817,
0.3817

 3.6539, 0.5082,
0.4585

 135.9126, 0.3764,
0.3779

 1.4819, 0.5387,
0.4613

 170.1786, 0.3719,
0.3746

 0.2759, 0.6327,
0.3673

209.7683, 0.3679,

 0.0000, 0.0000,

0.3717

0.0000

255.0659, 0.3644,
0.3691

■ 30.9821, 0.4154,
0.4049

■ 30.9821, 0.4154,
0.4049

■ 28.4007, 0.4396,
0.4169

■ 33.8121, 0.3920,
0.3909

■ 26.0540, 0.4636,
0.4257

■ 36.8949, 0.3700,
0.3759

■ 23.9332, 0.4860,
0.4301

■ 40.2401, 0.3499,
0.3607

■ 22.0266, 0.5056,
0.4294

■ 43.8553, 0.3317,
0.3458

■ 20.6250, 0.5195,
0.4257

■ 47.7477, 0.3156,
0.3316

■ 51.9242, 0.3013,
0.3183

■ 56.3914, 0.2887,
0.3059

■ 61.1558, 0.2776,
0.2945

■ 66.1920, 0.2681,
0.2845

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9821, 0.4278, 0.3633



30.9821, 0.4154, 0.4049



30.9821, 0.3751, 0.4315

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.9821, 0.4154, 0.4049



30.9821, 0.2265, 0.3296



30.9821, 0.2967, 0.2501

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.9821, 0.4154, 0.4049



21.5879, 0.2281, 0.2361

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.9821, 0.2471, 0.2384



30.9821, 0.4154, 0.4049



30.9821, 0.2098, 0.2780

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.9821, 0.4154, 0.4049



30.9821, 0.2659, 0.3881



30.9821, 0.2170, 0.2470



30.9821, 0.3557, 0.2785

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.9821, 0.4154, 0.4049



30.9821, 0.3391, 0.4332



30.9821, 0.2170, 0.2470



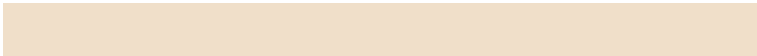
30.9821, 0.2784, 0.2441

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.9836, 0.4154, 0.4049



75.6539, 0.3394, 0.3522



19.0842, 0.3934, 0.2715



16.0259, 0.3431, 0.3553



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.9836, 0.4154, 0.4049



50.3728, 0.4423, 0.4180



44.9616, 0.3813, 0.4553



9.8434, 0.3274, 0.3421



14.1885, 0.5178, 0.4270



0.6203, 0.4860, 0.4523

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.5879, 0.2281, 0.2361



31.7953, 0.2108, 0.2118



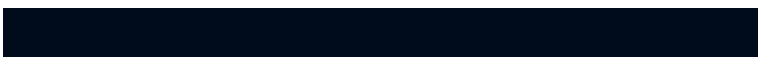
13.0972, 0.2199, 0.1685



9.3332, 0.2985, 0.3156



6.3315, 0.1713, 0.1367



0.3465, 0.1857, 0.1885

Previews

White Background



This preview shows how the Yxy color 30.9821, 0.4154, 0.4049 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.9821, 0.4154, 0.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

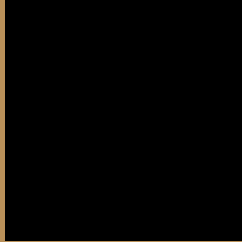
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.9821, 0.4154, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 30.9821, 0.4154, 0.4049.



This preview shows how white text looks on a background with the Yxy color 30.9821, 0.4154, 0.4049.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.9821, 0.4154, 0.4049

Protanopia

30.9053, 0.3853, 0.4176

Deuteranopia

30.8581, 0.4142, 0.4052



Tritanopia

30.9451, 0.3613, 0.3154

Trichromacy



Original Color

30.9821, 0.4154, 0.4049

Protanomaly

30.7058, 0.3960, 0.4123

Deuteranomaly

30.8581, 0.4142, 0.4052

Tritanomaly

30.9539, 0.3817, 0.3487

Monochromacy



Original Color

30.9821, 0.4154, 0.4049

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.5249, 0.3487, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9821, 0.4154, 0.4049 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 144, 89)` looks like.

```
.text, #text, p{  
    color:rgb(185, 144, 89)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 144, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 144, 89) }
```

Border

The CSS property to change the border of an element to Yxy 30.9821, 0.4154, 0.4049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 144, 89) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 144, 89) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 144, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 144, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 144, 89);  
box-shadow:4px 4px 4px 4px rgb(185, 144,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9821, 0.4154, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 144, 89) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
144, 89) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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